

The Role of Neurofeedback in Managing Behavioral Issues in Children with Exceptional Needs


Ali. Sarzahi^{1*}, Maura. McDonnell²

¹ Master's Degree in Psychology and Education of Exceptional Children, Birjand Branch, Islamic Azad University, Birjand, Iran



² Department of Psychology, University of Minnesota, Minneapolis, MN, USA

* Corresponding author email address: ali.sarzahi2020@gmail.com

Editor

Abolghasem Yaghoobi
Professor of Psychology,
Department of Psychology, Faculty
of Economics and Social Sciences,
Bu-Ali Sina University, Hamedan,
Iran
yaghoobi@basu.ac.ir

Reviewers

Reviewer 1: Kamdin Parsakia
Department of Psychology and Counseling, KMAN Research Institute, Richmond
Hill, Ontario, Canada. Email: kamdinparsakia@kmanresce.ca
Reviewer 2: Ali Khodaei
Department of Psychology, Faculty of Educational Sciences and Psychology, Payam
Noor University, Tehran, Iran. Email: alikhodaei@pnu.ac.ir

1. Round 1

1.1. Reviewer 1

Reviewer:

The phrase "Data were collected through semi-structured interviews which were audio-recorded and transcribed for analysis" could be clarified by specifying the duration and format of the interviews. For instance, "Interviews lasted 45-90 minutes and were conducted in person or via video conferencing."

The statement "Behavioral issues in children with exceptional needs present complex challenges" could benefit from more specific examples or statistics to highlight the prevalence and impact of these challenges.

The effectiveness of alternative approaches like mindfulness and dietary changes is mentioned briefly. Provide a summary of key findings from relevant studies to support this claim.

The description of the purposive sampling strategy could be enhanced by explaining the criteria used to select participants. For example, specify the characteristics or experiences that qualified individuals for inclusion in the study.

The statement "The initial reactions to neurofeedback were mixed" could be supported by providing specific examples or quotes from participants that illustrate the range of reactions.

The phrase "Many participants reported noticeable improvements" would be stronger with quantitative data. For instance, "X out of 20 participants reported improvements."

The mention of "cost of sessions" could be made more impactful by providing specific figures or a range of costs associated with neurofeedback sessions.

Authors revised the manuscript and uploaded the document.

1.2. Reviewer 2

Reviewer:

The reference to "the digital era has exacerbated these problems" needs more detail. Provide specific examples or studies that link increased screen time to behavioral issues in children.

The sentence "Developmental changes also play a significant role in the emergence of behavior problems" should include specific developmental stages or changes that are relevant to the study's focus.

When mentioning "Traditional interventions," it would be beneficial to provide more details on the limitations of these methods. For example, specify the side effects of medications or the particular challenges in behavioral therapy.

The development of the interview guide is mentioned. Consider including an example of a few key questions or topics covered in the interviews to provide context for the data collection process.

The thematic analysis process is described in general terms. Adding details about the software or tools used for coding and analysis could enhance the transparency of the methodology.

The concern about therapy duration could be elaborated by discussing the average length of therapy required and how this compares to other interventions.

The discussion mentions Kwon's (2023) study but does not detail the methods or results of this study. Including a brief summary of Kwon's findings would strengthen the comparison.

The improvements in emotional regulation are compared to Kouijzer et al. (2009). Specify the methods and outcomes of Kouijzer's study to provide a clearer basis for comparison.

Authors revised the manuscript and uploaded the document.

2. Revised

Editor's decision: Accepted.

Editor in Chief's decision: Accepted.